



520.38161CX2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Kazuhisa ARUGA
Serial No.: 10/615,907
Filed: July 10, 2003
For: DISK SUBSYSTEM
Group: 2187
Examiner: G. Portka

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**INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.97 & 1.98**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

December 24, 2003

Sir:

In the matter of the above-identified application, applicants are submitting herewith copies of the documents listed in the attached form equivalent to Form PTO-1449 for the Examiner's consideration.

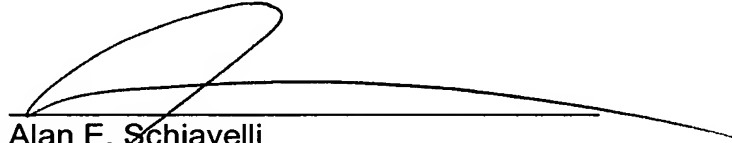
This information disclosure statement is being submitted before the mailing date of a first office action on the merits.

Each of the documents listed on the attached form equivalent to Form PTO-1449 is in the English language.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Antonelli, Terry, Stout & Kraus Deposit Account No. 01-2135 (referencing attorney docket no. 500.38711X00) please credit any excess fees to such deposit account.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Alan E. Schiavelli', is written over a horizontal line.

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SHEET 1 OF 1

FORM PTO-1449 U.S. Department of
Commerce (Rev. 4/92) Patent and Trademark
Office

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

520.38161CX3

SERIAL NO.

10/615,907APPLICANT
Kazuhisa ARUGAFILING DATE
July 10, 2003GROUP
2187

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,144,583	3-1979	LAWSON et al.			
	5,941,972	8-1999	HOESE et al.			
	6,006,342	12-1999	BEARDSLEY et al.			
	6,041,381	3-2000	HOESE			
	6,061,750	5-2000	BEARDSLEY et al.			
	6,195,703	2-2001	BLUMENAU et al.			
	6,421,753	7-2002	HOESE et al.			
	6,425,035	7-2002	HOESE et al.			
	6,425,036	7-2002	HOESE et al.			
	6,446,141	9-2002	NOLAN et al.			
	6,493,347	12-2002	SINDHU et al.			
	6,574,667	6-2003	BLUMENAU et al.			

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FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT
					YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])